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**eFiled Application Information**

EFS ID	1937365
Application Number	10760155
Confirmation Number	9070
Title	CONTROL OF ATRIAL DEFIBRILLATION THERAPY BASED ON HEMODYNAMIC SENSOR FEEDBACK
First Named Inventor	Douglas A. Hettrick
Customer Number or Correspondence Address	27581
Filed By	Daniel G. Chapik/Molly Chlebeck
Attorney Docket Number	P0011316.00
Filing Date	16-JAN-2004
Receipt Date	03-JUL-2007
Application Type	Utility

**Application Details**

Submitted Files	Page Count	Document Description	File Size	Warnings
EFS_Issue_Fee.pdf	1	Issue Fee Payment (PTO-85B)	400305 bytes	◆ PASS
EFS_Maint_Fees.pdf	1	Issue Fee Payment (PTO-85B)	57768 bytes	◆ PASS
fee-info.pdf	2	Fee Worksheet (PTO-06)	8337 bytes	◆ PASS

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance

of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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- *Send general questions about USPTO programs to the [USPTO Contact Center \(UCC\)](#).*
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## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE  
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 or **Fax** (571)-273-2885

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

27581 7890 02/12/2007

MEDTRONIC, INC.  
 710 MEDTRONIC PARK  
 MINNEAPOLIS, MN 55432-9924

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/760,155	01/16/2004	Douglas A. Heffrick	P-11316.00	9070

TITLE OF INVENTION: CONTROL OF ATRIAL DEFIBRILLATION THERAPY BASED ON HEMODYNAMIC SENSOR FEEDBACK

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$500	\$0	\$1900	05/14/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
JOHNSON, SHEYON ELIZABETH	3766	607-005000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☒ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47, Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Daniel G. Chapik

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

MEDTRONIC, INC.

(B) RESIDENCE (CITY and STATE OR COUNTRY)

Minneapolis, MN

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.  
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☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 132546 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

[Signature]

Date

7/3/07

Typed or printed name

Daniel G. Chapik

Registration No.

43,424

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Hettick et al. Examiner: S. Johnson  
Serial No. 10/760,155 Group Art: 3766  
Filing Date: January 16, 2004 Docket No.: P0011316.00  
Conf. No.: 9070  
Title: CONTROL OF ATRIAL DEFIBRILLATION THERAPY BASED  
ON HEMODYNAMIC SENSOR FEEDBACK

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**FEE ADDRESSEE FOR RECEIPT OF PTO NOTICES  
RELATING TO MAINTENANCE FEES**

**Mail Stop M Correspondence**  
Director of the US Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This letter is to specify that the FEE ADDRESSEE for this patent is as follows:

Master Data Center  
300 Franklin Center  
29100 Northwestern  
Southfield, Michigan 48034-1095  
U.S.A.  
Payor Number: 000124

Any prior FEE ADDRESSEE for the above-identified U.S. patent is hereby revoked.

The above-identified U.S. patent was assigned to Medtronic, Inc., a Minnesota corporation, 7000 Central Avenue N.E., Minneapolis, Minnesota 55432. The Assignment was filed with the United States Patent and Trademark Office on June 23, 2004, REEL/FRAME 014769/0862. It is certified that the person whose signature appears below has the authority to change the FEE ADDRESSEE for this patent.

Respectfully submitted,

July 3, 2007  
Date

/Daniel G. Chapik/  
Daniel G. Chapik  
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